

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031161.D
 Acq On : 21 Nov 2017 20:28
 Operator : SJ/JU
 Sample : I6501-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Quant Time: Nov 22 02:51:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	51618	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	228681	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	152762	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	400995	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	502813	20.00	ng	0.00
86) Perylene-d12	25.09	264	489984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	220548	73.27	ng	-0.01
7) Phenol-d6	7.30	99	188294	46.43	ng	0.00
23) Nitrobenzene-d5	9.30	82	354385	91.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	288104	116.59	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1043789	98.18	ng	-0.02
78) Terphenyl-d14	20.09	244	1971255	86.57	ng	0.00

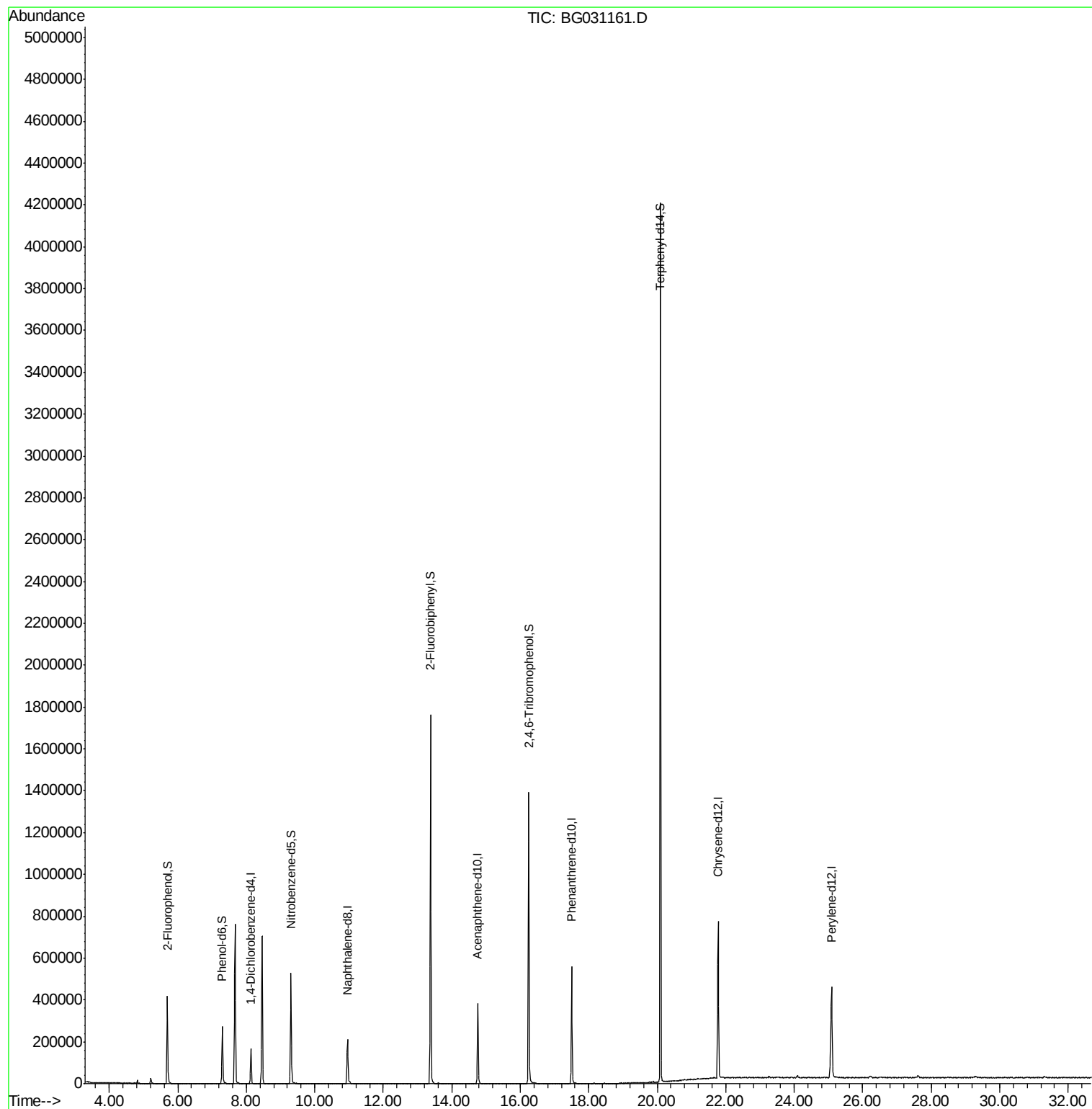
Target Compounds Qvalue

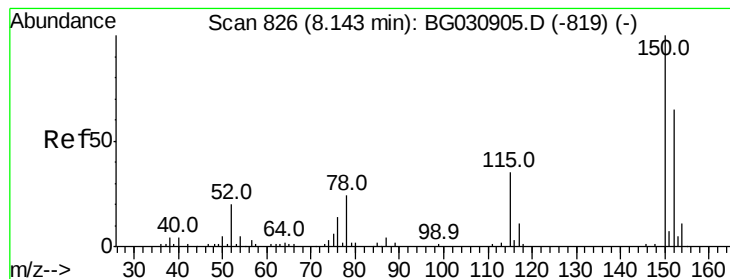
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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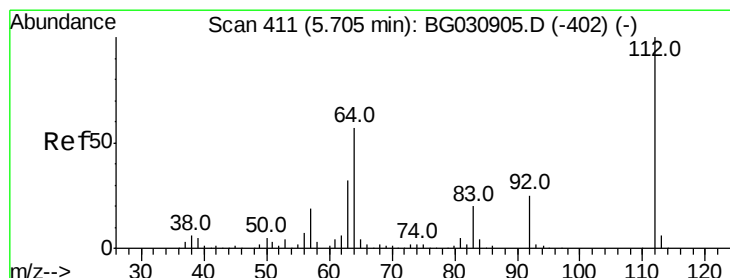
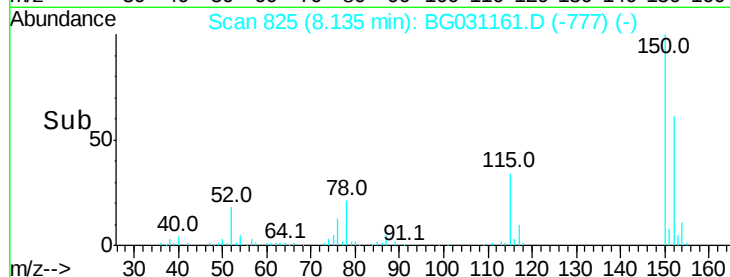
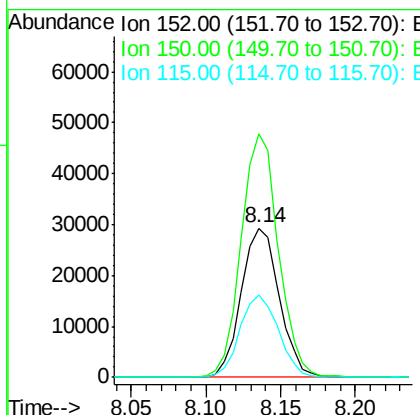
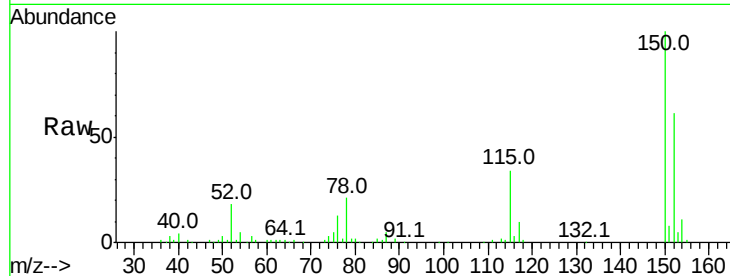


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031161.D
Acq: 21 Nov 2017 20:28

Instrument :
BNA_G
ClientSampleId :
MW-9

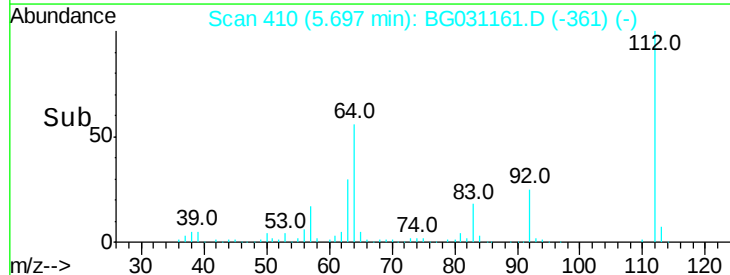
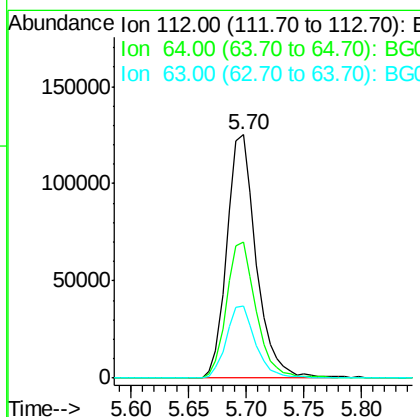
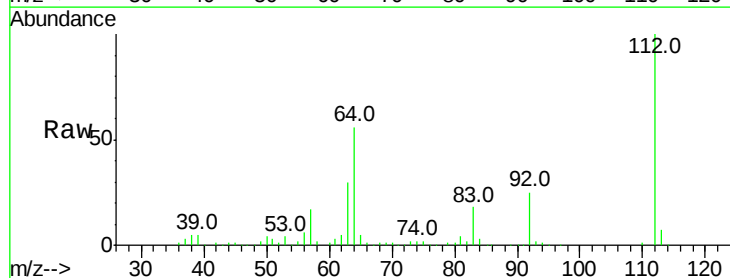
Tot Ion:152 Resp: 51618
Ion Ratio Lower Upper
152 100
150 163.0 126.6 189.8
115 55.5 53.0 79.4

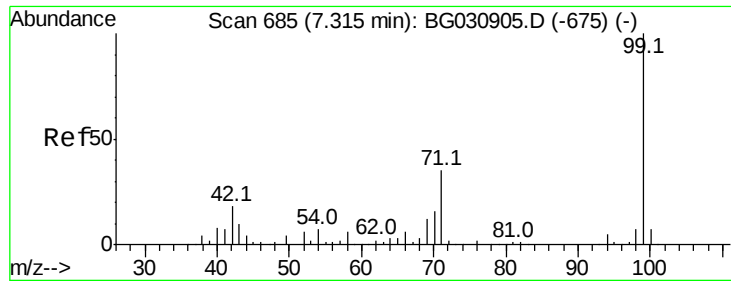


#5

2-Fluorophenol
Concen: 73.266 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031161.D
Acq: 21 Nov 2017 20:28

Tgt Ion:112 Resp: 220548
Ion Ratio Lower Upper
112 100
64 56.0 56.3 84.5#
63 29.6 30.1 45.1#





#7

Phenol-d6

Concen: 46.430 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031161.D

Acq: 21 Nov 2017 20:28

Instrument :

BNA_G

ClientSampled :

MW-9

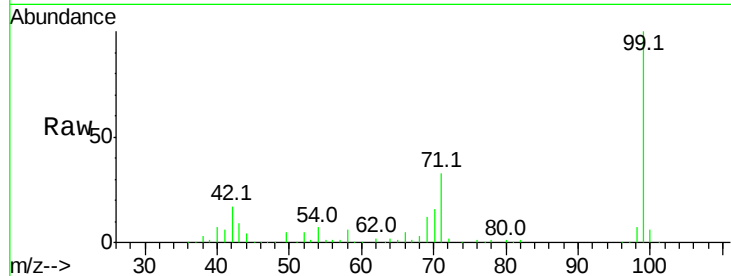
Tot Ion: 99 Resp: 188294

Ion Ratio Lower Upper

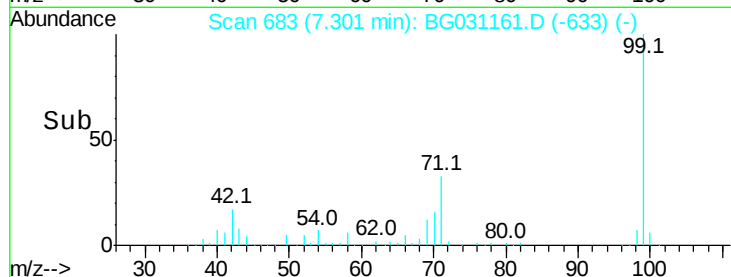
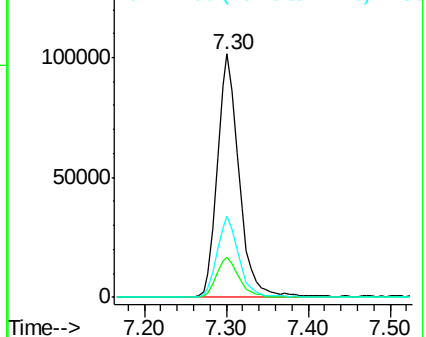
99 100

42 16.6 14.1 21.1

71 33.2 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031161.D

Acq: 21 Nov 2017 20:28

Tgt Ion: 136 Resp: 228681

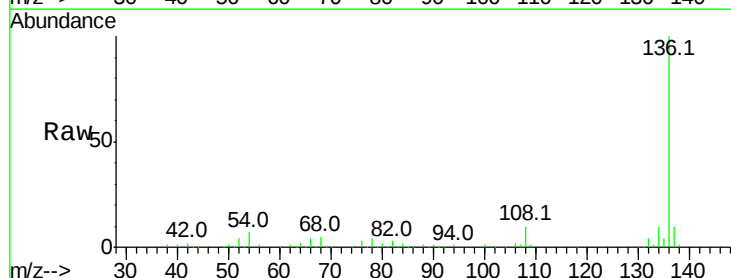
Ion Ratio Lower Upper

136 100

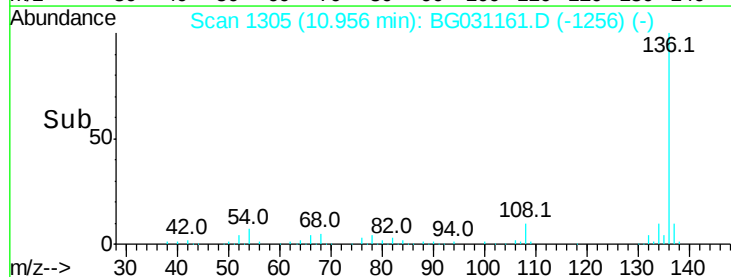
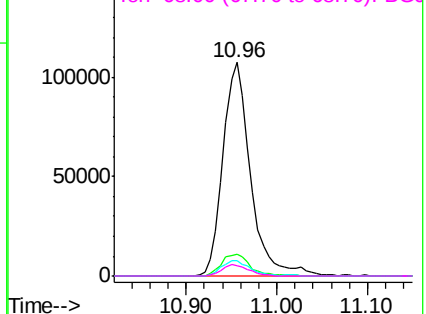
137 10.1 9.2 13.8

54 7.3 10.3 15.5#

68 4.8 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

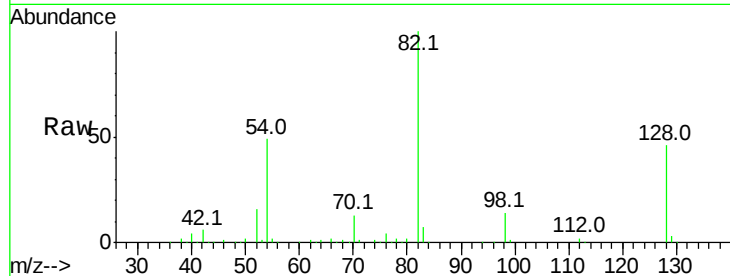




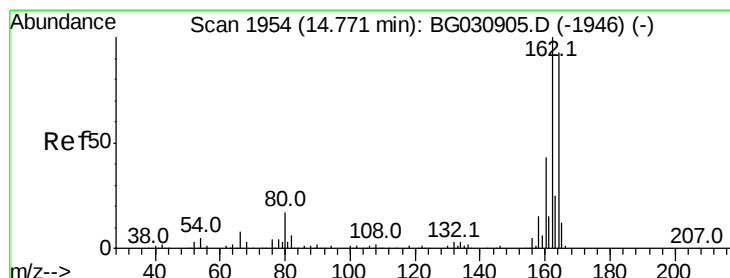
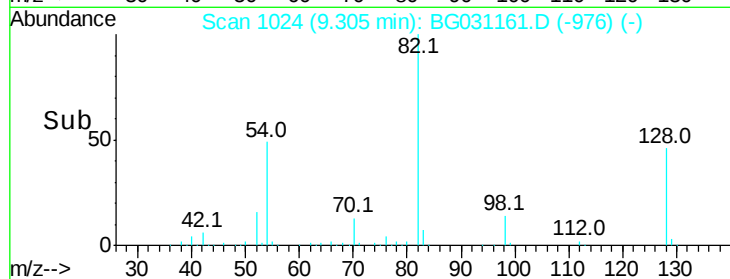
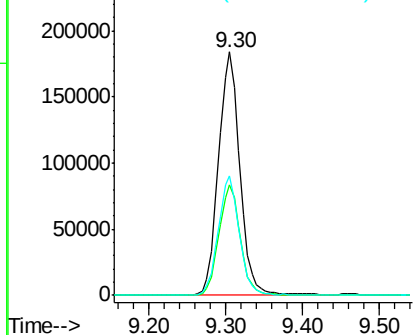
#23
 Nitrobenzene-d5
 Concen: 91.829 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031161.D
 Acq: 21 Nov 2017 20:28

Instrument :
 BNA_G
 ClientSampleID :
 MW-9

Tot Ion: 82 Resp: 354385
 Ion Ratio Lower Upper
 82 100
 128 45.6 29.7 44.5#
 54 49.2 43.1 64.7

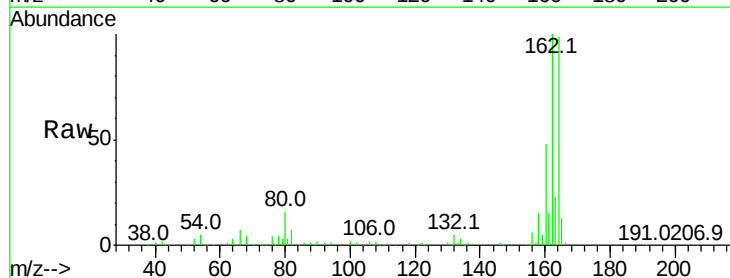


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

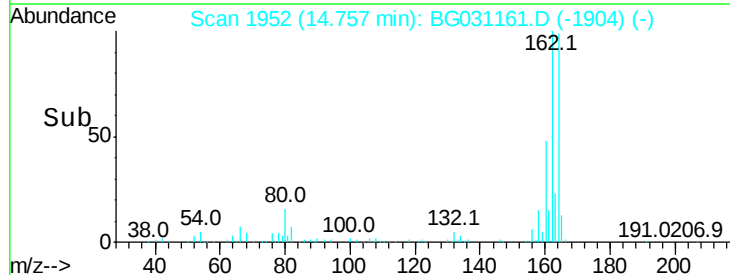
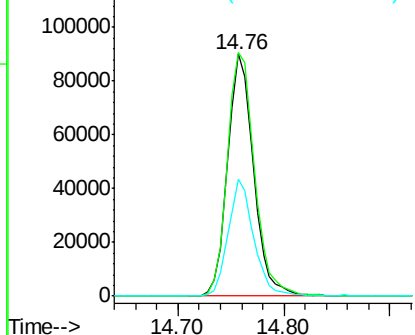


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031161.D
 Acq: 21 Nov 2017 20:28

Tgt Ion:164 Resp: 152762
 Ion Ratio Lower Upper
 164 100
 162 100.7 78.8 118.2
 160 48.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

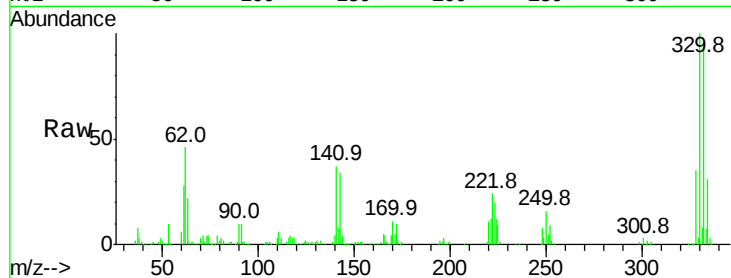




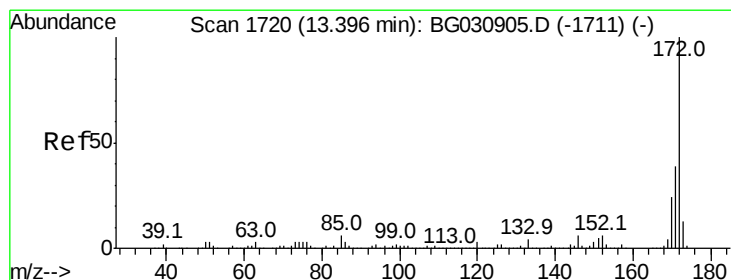
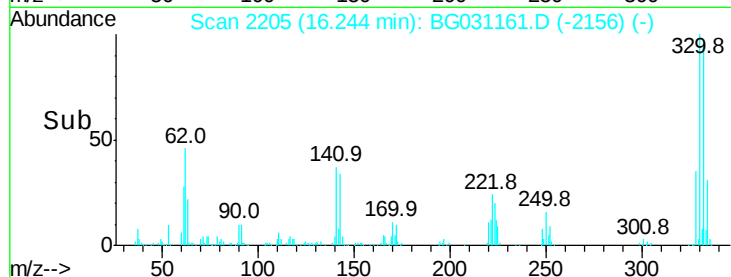
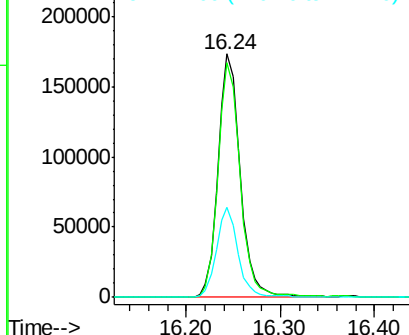
#41
 2,4,6-Tribromophenol
 Concen: 116.585 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031161.D
 Acq: 21 Nov 2017 20:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	35.8	25.2	37.8

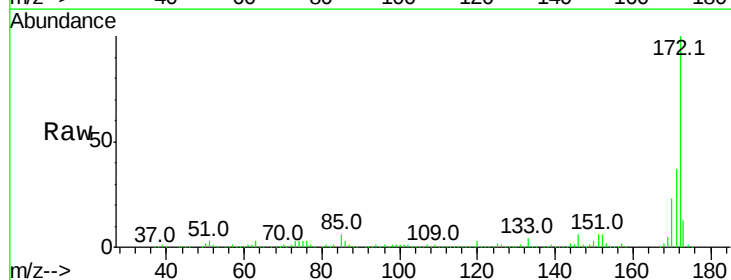


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

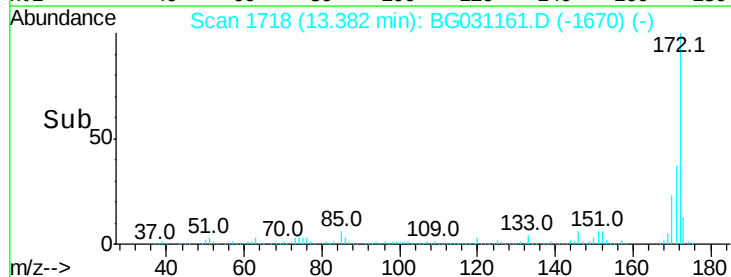
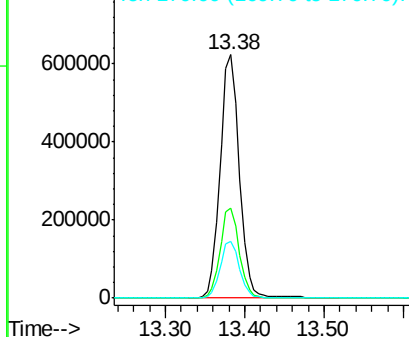


#44
 2-Fluorobiphenyl
 Concen: 98.180 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031161.D
 Acq: 21 Nov 2017 20:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.4	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG031161.D

Acq: 21 Nov 2017 20:28

Instrument :

BNA_G

ClientSampleId :

MW-9

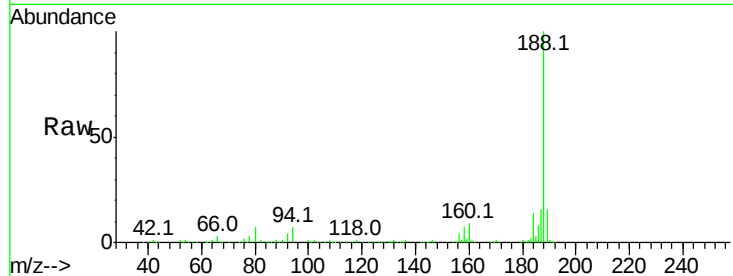
Tot Ion:188 Resp: 400995

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

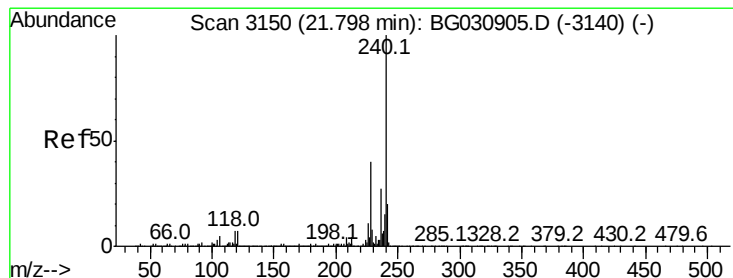
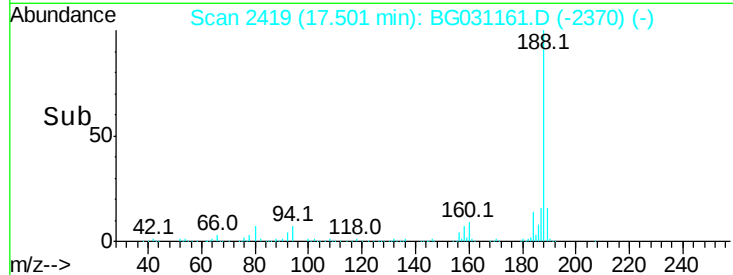
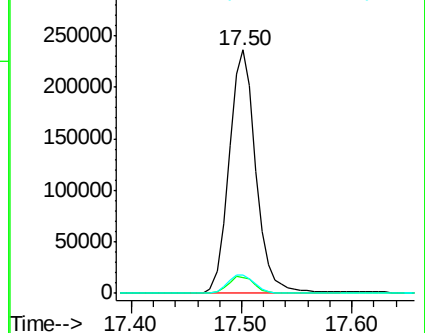
80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG031161.D

Acq: 21 Nov 2017 20:28

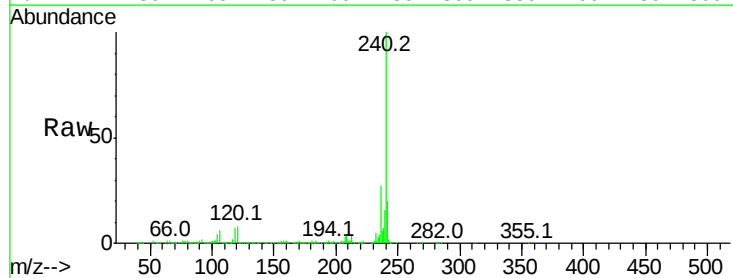
Tgt Ion:240 Resp: 502813

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

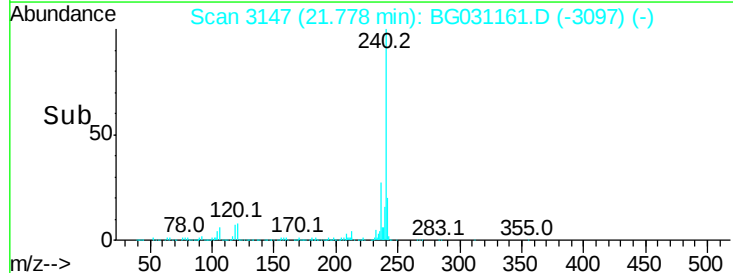
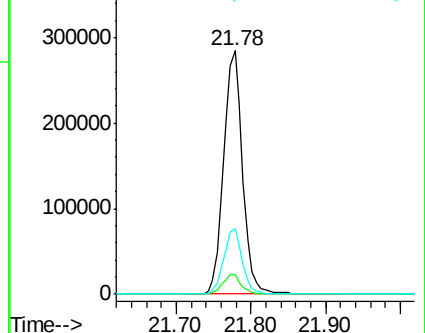
236 26.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.567 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031161.D

Acq: 21 Nov 2017 20:28

Instrument :

BNA_G

ClientSampleId :

MW-9

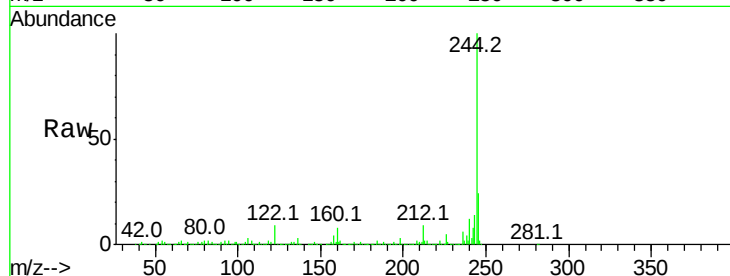
Tot Ion:244 Resp: 1971255

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

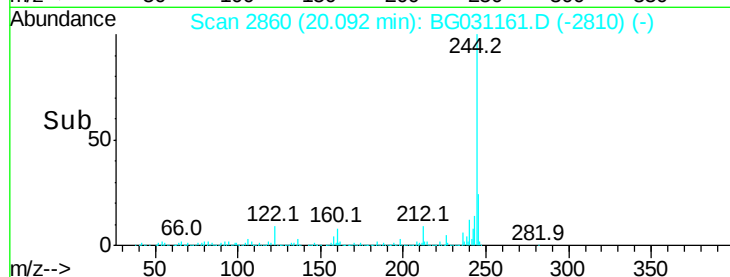
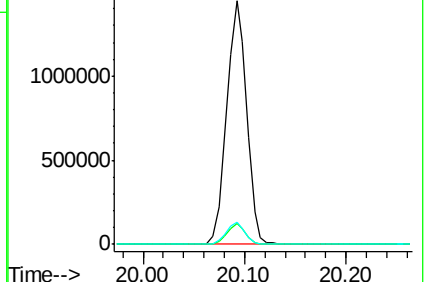
122 9.1 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.01 min

Lab File: BG031161.D

Acq: 21 Nov 2017 20:28

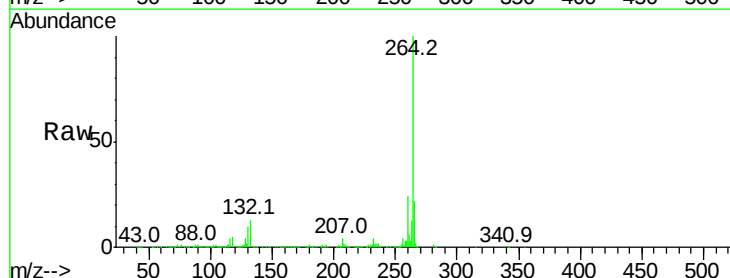
Tgt Ion:264 Resp: 489984

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

